

Claims

1. A pharmaceutical formulation in the form of a dry powder which comprises amoxycillin and clavulanate in a weight ratio of from 2:1 to about 16:1 and a
5 pharmaceutically acceptable carrier or excipient and and flavouring agents which provide a strawberry flavour which is modified by the addition of extra components to add a creamy flavour or an extra fruity flavour.
2. A formulation as claimed in claim 1 in which the extra fruity note is provided by a
10 peach or a passion fruit flavour or a mixture thereof.
3. A formulation as claimed in claim 1 in which the creamy note is provided by a blend of vanillin, maltol (ethyl maltol), δ -dodecalactone, furonol (4-hydroxy-2,5-dimethyl-2,3-dihydrofuran-3-one) and diacetyl.
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4. A formulation as claimed in any one of claims 1 to 3 in which the flavours are a mixture natural flavouring substances, artificial flavouring substances and Nature-identical flavouring substances.
- 20 5. A formulation as claimed in any one of claims 1 to 4 in which the major components of the flavours are furonol, maltol, ethyl vanillin, ethyl butyrate, *cis*-3-hexenol, δ -dodecalactone, furanone, propylene glycol, 4-(*p*-hydroxyphenyl)-2-butanone, gum arabic, ethyl acetate and diacetyl.
- 25 6. A formulation as claimed in claim 5 which has a matching flavour.
7. A formulation as claimed in any one of claims 1 to 6 in which the flavour is provided as a dry powder with the flavour encapsulated in a base.
- 30 8. A formulation as claimed in any one of claims 1 to 7 in which the dosage is provided as a unit dose in a sachet, for addition to water immediately prior to use, or, for oral administration to paediatric patients, adapted for reconstitution into a multiple dose aqueous suspension.
- 35 9. A formulation as claimed in any one of claims 1 to 8 which comprises amoxycillin and clavulanate in a weight ratio which is 4:1, 7:1, 8:1, or 14:1.

10. A formulation as claimed in any one of claims 1 to 9 which comprises granules of amoxycillin and/or amoxycillin and potassium clavulanate.
11. A formulation as claimed in claim 10 which comprises granules of amoxycillin and potassium clavulanate in a 2:1 weight ratio and granules of amoxycillin, to make up the overall ratio of amoxycillin : potassium clavulanate.
12. A formulation as claimed in claim 11 in which the granules of amoxycillin and potassium clavulanate comprise silica gel present in from 5 to 15wt% of potassium clavulanate.
13. A formulation as claimed in claim 12 in which the granules of amoxycillin and potassium clavulanate comprise CLPVP present in from 0.5 to 5wt% of amoxycillin trihydrate.
14. A formulation as claimed in any one of claims 10 to 13 which comprises as extra-granular excipients silica gel (to give an overall total of from 5 to 15, preferably 8 to 12% by weight of the formulation), carboxymethylcellulose sodium salt (present in from 3 to 6% by weight of the formulation), xanthan gum (present in from 0.2 to 1% by weight of the formulation), sodium benzoate, colloidal silica and magnesium stearate and a sweetening agent, preferably aspartame.
15. A formulation as claimed in any one of the preceding claims, having:
- (a) a 8:1 ratio of amoxycillin : clavulanate which has the following composition:
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|--|------------|
| Amoxycillin trihydrate 100% of theory | 3443.22 mg |
| (equivalent to 3000mg Amoxycillin 100%) | |
| Potassium Clavulanate 100% of theory | 446.79 |
| (equivalent to 375mg Clavulanic acid 100%) | |
| CLPVP (intra-granular) | 103.29 |
| Silica gel ¹ (intra-granular) | 44.68 |
| Silica gel ¹ (extra-granular) | 500.00 |
| Xanthan gum | 25.20 |
| Carboxymethylcellulose sodium salt | 250.00 |
| Sodium benzoate | 51.00 |
| Hydrophobic colloidal silica | 15.00 |
| Aspartame | 96.00 |
| Magnesium stearate | 10.00 |

Creamy strawberry flavour ²	150.00
Total weight	<hr/> 5135.50 mg

5 or

(b) a 7:1 ratio of amoxycillin : clavulanate which has the following composition:

	Amoxycillin trihydrate 100% of theory (equivalent to 400 mg Amoxycillin 100%)	472.81 mg
10	Potassium Clavulanate 100% of theory (equivalent to 60 mg Clavulanic acid 100%)	71.51 mg
	CLPVP (intra-granular)	14.18
	Silica gel ¹ (intra-granular)	7.151
	Silica gel ¹ (extra-granular)	86.66
15	Xanthan gum	4.42
	Carboxymethylcellulose sodium salt	43.42
	Sodium benzoate	51.00
	Hydrophobic colloidal silica	2.60
	Aspartame	16.64
20	Magnesium stearate	1.73
	Creamy strawberry flavour ²	26.00
	Total weight (5 ml)	<hr/> 798.121 mg